

PATENT

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application  
No. 10/824,953

For: TAPERED MULTIBAND  
ANTENNA

Robert J. Hatch

Filed: April 14, 2004

Group No. 2681

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97(b)

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Assistant Commissioner:

Applicant, through his attorney, submits herewith references of which he is aware, which he believes may be material to the examination of this application and with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))


I hereby certify that this correspondence is, on the date shown below, being:

MAILING

- ☒ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Depositor's Name: Karyn D. Lao  
(type or print name)

Date: July 14, 2004

Signature: 

FACSIMILE

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name: \_\_\_\_\_  
(type or print name)

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

While the references identified herein may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such.

The filing of this document shall not be construed to mean that any search has been made or, that if made such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

A list of the references cited herein is set forth on Form PTO-1449 which is enclosed herewith in duplicate along with a copy of each cited reference. Applicant respectfully requests that the Examiner return to Applicant the enclosed copy of the Form PTO-1449 indicating consideration of the references.

The subject application is believed patentable over any of the above-references.

Respectfully submitted,

Dated: 7/14/2004

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 7-80) PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
030388APPLICATION NO.  
10/824,953INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

APPLICANT

Robert J. Hatch

FILING DATE

April 14, 2004

GROUP

2681

DATE MAILED: July 14, 2004

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1						
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1						
	B2						
	B3						
	B4						
	B5						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	Narayan Prasad Agrawall et al., "Wide-Band Planar Monopole Antennas," <i>IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION</i> , Vol. 46, No. 2, February 198, pages 294-295.
	C2	
	C3	
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		